

AGM technology – 12 V with electrolyte pack

ETN	KSN	Bosch No	JIS Code	Ah	A	Type of post	Post arrangement	Vent position	Dimensions (LxWxH)		
503014003	M6001	0092M60010	YT4L-4/YT4L-BS	3	40	Y5	1/2	-	114	71	86
503903004	M6003	0092M60030	YTR4A-BS	2,3	30	Y12	3/1	-	114	49	86
504012003	M6004	0092M60040	YTX5L-4/YTX5L-BS	4	80	Y5	1/2	-	114	71	106
506014005	M6006	0092M60060	YTX7L-4/YTX7L-BS	6	100	Y5	1/2	-	114	71	131
506015005	M6007	0092M60070	YTX7A-4/YTX7A-BS	6	105	Y5	2/1	-	151	88	94
507901012	M6008	0092M60080	YT7B-4/YT7B-BS	7	120	Y11	2/1	-	150	66	94
507902011	M6009	0092M60090	YTZ7S-4/YTZ7S-BS	5	120	Y5	1/2	-	113	70	105
508012008	M6010	0092M60100	YTX9-4/YTX9-BS	8	135	Y5	2/1	-	152	88	106
508901015	M6011	0092M60110	TTZ10S-4/TTZ10S-BS	8	150	Y11	2/1	-	150	87	93
509901020	M6012	0092M60120	TTZ12S-4/TTZ12S-BS	9	200	Y11	2/1	-	150	87	110
509902008	M6013	0092M60130	YT9B-4/YT9B-BS	8	115	Y11	2/1	-	149	70	105
510012009	M6014	0092M60140	YTX12-4/YTX12-BS	10	150	Y5	2/1	-	152	88	131
511901014	M6016	0092M60160	YT12A-4/YT12A-BS	11	160	Y5	2/1	-	150	88	105
511902023	M6017	0092M60170	TTZ14S-4/TTZ14S-BS	11	230	Y11	2/1	-	150	87	110
512014010	M6018	0092M60180	YTX14-4/YTX14-BS	12	200	Y5	2/1	-	152	88	147
512901019	M6019	0092M60190	YT12B-4/YT12B-BS	12	215	Y11	2/1	-	151	70	131
512903013	M6020	0092M60200	YT14B-4/YT14B-BS	12	190	Y11	2/1	-	152	70	150
514901022	M6021	0092M60210	YTX16-4-1/YTX16-BS-1	14	210	Y1	2/1	-	150	87	161
514902022	M6022	0092M60220	YTX16-4/YTX16-BS	14	210	Y4	2/1	-	150	87	161
518901026	M6023	0092M60230	YTX20L-4/YTX20L-BS	18	250	Y4	1/2	-	177	88	156
518902026	M6024	0092M60240	YTX20-4/YTX20-BS	18	250	Y4	2/1	-	177	88	156

M4 or M6 batteries from Bosch: The right type for every application

Comparison of Bosch M4 and M6 motorcycle batteries

M4	M6
Maintenance-free, topping-up with distilled water possible	Absolutely maintenance-free
Leak-proof up to 55° angle	Leak-proof up to 45° angle
100% service life	120% service life thanks to minimal self-discharge with AGM technology
Vibration-resistant	Extremely vibration-resistant thanks to sturdy design, mat-type separators hold the plates firmly in position
100% starting power	120% starting power
Central gas venting system	Labyrinth-type cover with central venting and fine mesh flame trap for safety
Lead-antimony technology	AGM/Gel technology, calcium technology with glass mat separators

A perfectly matched plate structure, an innovative grid design and a special separator for reliable starting performance. The design of the grid guarantees optimum conductivity and high vibration resistance.

AGM (Absorbent Glass Mat) technology: The electrolyte is fully bonded in a glass mat, thus providing three times better deep cycle resistance than conventional batteries. Total safety: Fine mesh flame trap, sealed, completely leak-proof and no escape of electrolyte.



1 Pocket separator

1 AGM glass mat

Batteries from Bosch: Program without gaps

For over 120 years Bosch innovations provide more power, comfort and safety in the vehicles. Thus, people always reach their destination relaxed.

Bosch provides a complete battery program for all applications and requirements.

- ▶ Bosch batteries for passenger vehicles
- ▶ Bosch batteries for motorcycles
- ▶ Bosch batteries for commercial vehicles
- ▶ Bosch batteries for Leisure, caravans and boats

Battery Tips:

Bosch also offers the battery charger C3 (SNR 0189999030) and C7 (SNR 0189999070)!



Safe on the road: On the water ...



... and ashore



Battery range from Bosch



Reliability from start to finish. Motorcycle batteries from Bosch

AA/SEC 1 987 714 466/201401



For further information:
www.bosch.com

Bosch batteries M4 and M6:

For reliable, powerful starting



Bosch batteries M4

Reliable, powerful starting - just what motorcyclists demand from a battery.

Bosch batteries M6

For maximum service life and cold starting performance requirements. The M6 is first choice for the discerning motorcyclist.

Bosch battery M4

The excellent range with a total of 42 different 6 V and 12 V types is suitable for virtually all motorcycles.

- ▶ Long service life even under the toughest conditions
- ▶ Reliable starting whatever the weather
- ▶ EN maintenance-free standard – Batteries can be opened for servicing and then sealed again
- ▶ Sturdy special design for extremely heavy duty
- ▶ Central gas venting system
- ▶ Supplied with electrolyte pack and filling aid

Bosch battery M6 AGM

The 22 M6 power packs can easily cope with even extreme challenges such as long-distance off-road use. So ideal for Enduros for example. M6 batteries

- ▶ Provide outstanding starting power with electrical specifications well above EN and DIN standards
- ▶ Are completely maintenance-free – no need for checking and topping up the water
- ▶ Are sealed, completely leak-proof and vibrationresistant thanks to the use of electrolyte bonded in a glass mat (AGM)
- ▶ Offer an outstanding 20% longer service life
- ▶ Are supplied with electrolyte pack and filling aid
- ▶ Avoid electrolyte stratification, thus guaranteeing full starting power whenever needed – even with frequent short journeys



M6 – not just for motorcycles

The compact starting power of the M6 is also ideal for

- ▶ ATV Quads
- ▶ Snowmobiles
- ▶ Jet skis
- ▶ Lawnmowers
- ▶ Off-road conditions



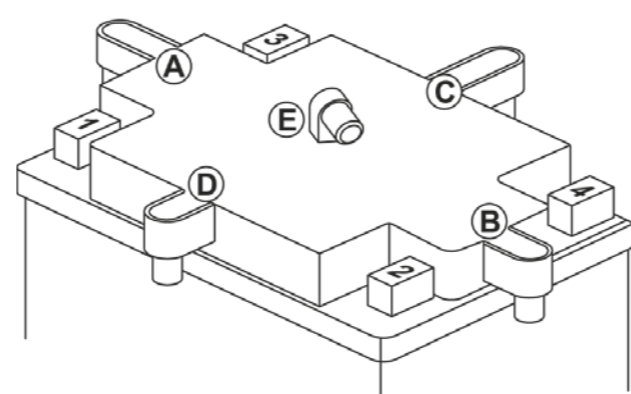
The complete package:

Including electrolyte and filling aid



Safe and simple: With electrolyte pack and filling aid

All Bosch M4 and M6 batteries are available complete with electrolyte pack. Each battery is provided with exactly the amount of electrolyte it requires. So no electrolyte is left over and thus no special refuse.



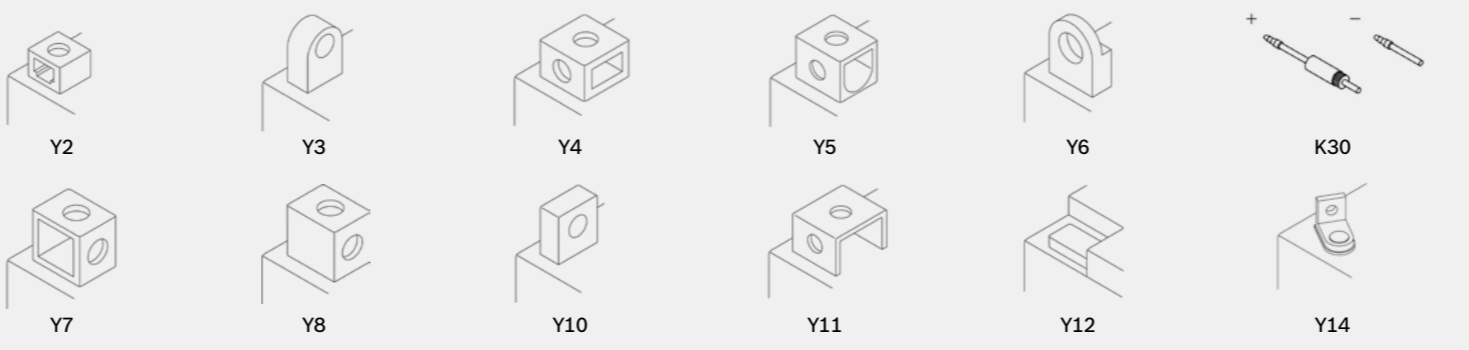
Post arrangement and vent position

Storage and filling are also made easier: Any battery can be safely filled using the practical filling aid. What's more, the quantity of electrolyte is precisely metered for all M6 batteries.

No compromise

Reliable battery connection for virtually all motorcycle models as well as a wide range of other motor-driven vehicles and appliances is guaranteed by a total of 12 different types of post – even under extreme usage conditions. The special design reduces corrosion and extends the service life.

The right connection for every motorcycle



Summary of range:

All the batteries at a glance

Fresh pack – standard technology – 6 V with electrolyte pack

ETN	KSN	Bosch No	JIS Code	Ah	A	Type of post	Post arrangement	Vent position	Dimensions (LxWxH)		
012014008	M4F12	0092M4F120	6N11A-3A	11	80	Y6	1/2	A	122	61	135
004014001	M4F04	0092M4F040	6N4-2A-2 / 6N4-2A-4 6N4-2A-7 / 6N4A-2A-4	4	10	K30	1/4	B	71	71	96
008011004	M4F10	0092M4F100	B49-6	8	40	Y6	4/1	E	91	83	161
006012003	M4F07	0092M4F070	6N6-3B-1	6	30	Y6	1/2	B	100	57	110

Fresh pack – standard technology – 12 V with electrolyte pack

ETN	KSN	Bosch No	JIS Code	Ah	A	Type of post	Post arrangement	Vent position	Dimensions (LxWxH)		
503012001	M4F15	0092M4F150	YB3L-A	3	30	Y6	1/2	A	100	58	112
503013001	M4F16	0092M4F160	YB3L-B	3	30	Y6	1/2	B	100	58	112
504011002	M4F17	0092M4F170	YB4L-B	4	50	Y5	1/2	B	121	71	93
505012003	M4F18	0092M4F180	12N5-3B / YB5L-B	5	60	Y4	1/2	B	121	61	131
506011004	M4F19	0092M4F190	12N5.5-3B	5,5	55	Y6	1/2	B	136	61	131
506012004	M4F20	0092M4F200	12N5.5A-3B	5,5	58	Y6	1/2	B	103	90	114
507012004	M4F21	0092M4F210	12N7-3B / YB7L-B	7	74	Y6	1/2	B	136	76	134
507013004	M4F22	0092M4F220	12N7-4A	7	74	Y6	1/2	B	136	75	133
507101008	M4F23	0092M4F230	GM7CZ-3D / YB7C-A	8	110	Y3	1/2	C	130	90	114
508013008	M4F24	0092M4F240	YB7-A	8	110	Y6	2/1	A	137	76	134
509014008	M4F25	0092M4F250	12N9-4B-1 / YB9-B	9	85	Y6	2/1	B	136	76	139
509015008	M4F26	0092M4F260	12N9-3B / YB9L-B	9	85	Y6	1/2	B	136	76	140
509016008	M4F27	0092M4F270	YB9L-A2	9	130	Y2	1/2	A	135	75	139
511012009	M4F28	0092M4F280	12N10-3A / 12N10-3A-1 12N10-3A-2 / YB10L-A2	11	150	Y8	1/2	A	136	91	146
511013009	M4F29	0092M4F290	12N10-3B / YB10L-B YB10L-B2	11	150	Y6	1/2	B	136	91	146
512011012	M4F30	0092M4F300	12N12A-4A-1 / YB12A-A	12	160	Y6	2/1	A	136	82	161
512013012	M4F32	0092M4F320	YB12AL-A / YB12AL-A2	12	160	Y6	1/2	A	136	82	161
512015012	M4F33	0092M4F330	YB12A-B	12	160	Y6	2/1	B	136	82	162
514011014	M4F34	0092M4F340	12N14-3A / YB14L-A2	14	190	Y8	1/2	A	136	91	166
514012014	M4F35	0092M4F350	YB14-A2	14	190	Y8	2/1	A	136	91	166
514013014	M4F36	0092M4F360	YB14L-B2	14	190	Y8	1/2	B	136	91	166
514014014	M4F37	0092M4F370	YB14-B2	14	190	Y8	2/1	B	134	89	166
514401019	M4F38	0092M4F380	YB14A-A2	14	190	Y8	2/1	A	135	90	177
516015016	M4F39	0092M4F390	YB16B-A / YB16B-A1	16	200	Y4	2/1	A	158	89	162
516016012	M4F40	0092M4F400	YB16AL-A2	16	180	Y2	1/2	A	205	72	164
518014015	M4F41	0092M4F410	51814	18	100	Y10	1/2	B	186	82	171
518015018	M4F42	0092M4F420	YB18L-A	18	200	Y7	1/2	A	181	92	164
519011019	M4F43	0092M4F430	YB16L-B	19	240	Y6	1/2	B	176	101	156
519012019	M4F44	0092M4F440	YB16-B	19	240	Y6	2/1	B	176	101	156
519013017	M4F45	0092M4F450	51913	19	100	Y10	1/2	A	186	82	171
519014018	M4F46	0092M4F460	YB16CL-B	19	240	Y5	1/2	B	176	101	176
520012020	M4F47	0092M4F470	Y50-N18L-A / Y50N18L-A2	20	260	Y7	1/2	A	207	92	164
520016020	M4F48	0092M4F480	SY50-N18L-AT	20	260	Y7	1/2	A	205	90	162
524101020	M4F51	0092M4F510	12N24-4	24	200	Y3	2/1	C	186	125	178
525015022	M4F52	0092M4F520	52515 / Y60-N24L-A	25	300	Y10	1/2	B	186	130	171
530030030	M4F54	0092M4F540	53030	30	180	Y10	1/2	B	186	130	171
530400030	M4F60	0092M4F600	YB30L-B	30	300	Y4	1/2	B	168	132	176

Gel technology – 12 V filled and charged

ETN	KSN	Bosch No	JIS Code	Ah	A	Type of post	Post arrangement	Vent position	Dimensions (LxWxH)		
519901017	M6045	0092M60450	-	19	170	Y10	1/2	-	186	82	173